

Datasheet for ABIN7262759

**anti-ALOX15B antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	ALOX15B
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALOX15B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human ALOX15B (NP_001132.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	ALOX15B
Alternative Name:	ALOX15B ( <a href="#">ALOX15B Products</a> )
Background:	This gene encodes a member of the lipoxygenase family of structurally related nonheme iron dioxygenases involved in the production of fatty acid hydroperoxides. The encoded protein converts arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while metabolizing linoleic acid less effectively. This gene is located in a cluster of related genes and

## Target Details

a pseudogene that spans approximately 100 kilobases on the short arm of chromosome 17.  
Alternatively spliced transcript variants encoding different isoforms have been described.

Molecular Weight: Observed\_MW: 76 kDa  
Calculated\_MW: 67 kDa/69 kDa/72 kDa/75 kDa

Gene ID: 247

UniProt: [O15296](#)

## Application Details

Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

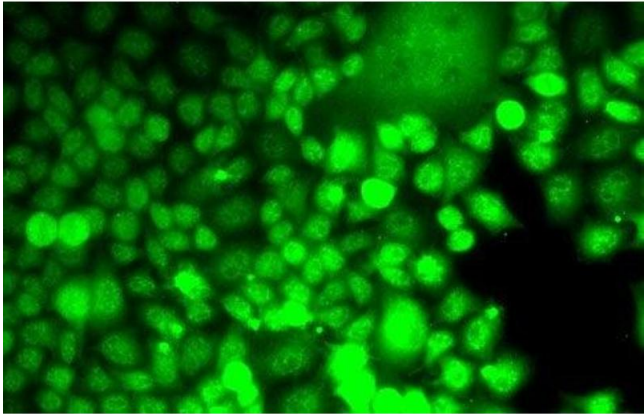
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

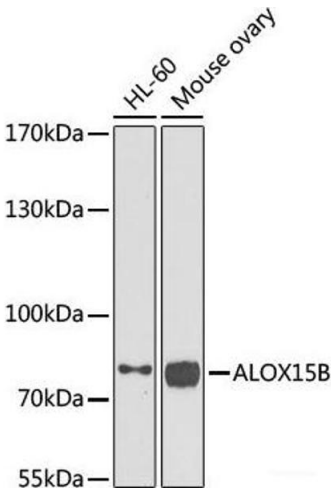
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

**Image 1.** Immunofluorescence analysis of MCF7 cells using ALOX15B Polyclonal Antibody



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using ALOX15B Polyclonal Antibody at dilution of 1:1000.